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(71) Applicant (for all designated States except US): KARAT
DIGITAL PRESS L.P. [IL/IL]; P.O. Box 330, 46103 Herzlia (IL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BEN-DAVID, Ilan
[IL/IL]; 55 Hapa'amon Street, 48611 Rosh Ha'ayin (IL).
BEN-CHORIN, Moshe [IL/IL]; 18/5 Bar Shaul Street,
76251 Rehovot (IL).

(74) Agent: SINAI, Henry; Eitan, Pearl, Latzer & Cohen-
Zedek. 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).

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(54) Title: DIGITAL OFFSET PRINTING REGISTRATION

(57) Abstract: There are disclosed methods and systems for the process of on-press plate imaging, including automatic processes for plate preparation, that compensate for registration and print-length errors (plate loading is performed before imaging). As a result of these processes, the position accuracy is determined by the imaging system. The system of the present invention creates deformed images on the plates during the imaging stage, these deformed images, being such that the separations will be in register (coordinated) after printing.

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